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PTO/SB/21 (05-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

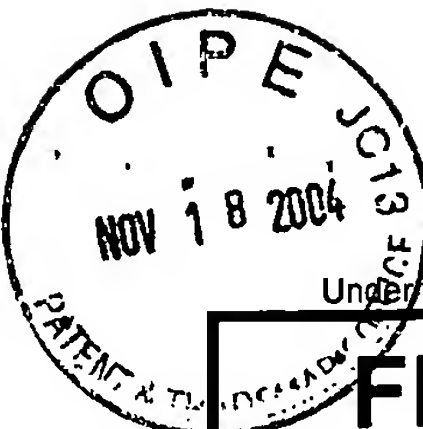
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/663,454	
	Filing Date	September 15, 2003	
	First Named Inventor	MURRAY, JAMES D.	
	Group Art Unit	1632	
	Examiner Name	ALONZO, NORMA LYN	
Total Number of Pages in This Submission		Attorney Docket Number	UCDV-286
ENCLOSURES (check all that apply)			
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1) Return Postcard	Remarks
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Signing Attorney/Agent (Reg. No.)	PAULA A. BORDEN, 42,344 BOZICEVIC, FIELD & FRANCIS, LLP		
Signature			
Date	November 17, 2004		

EXPRESS MAIL LABEL NO. EV519866921US

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**99.00**

Complete if Known

Application Number	10/663,454
Filing Date	September 15, 2003
First Named Inventor	MURRAY, JAMES D.
Examiner Name	ALONZO, NORMA LYN
Art Unit	1632
Attorney Docket No.	UCDV-286

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number	50-0815
Deposit Account Name	Bozicevic, Field & Francis, LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge Any Additional Fee(s) Required under 37 C.F.R. 1.17.☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Large Fee (\$)	Small Fee Code	Small Fee (\$)	Fee Description	Fee Paid
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	41	-30** = 11 x 9	= 99.00
Indep. Claims	4	-4** = 0 x 44	= 0.00
Multiple Dependent			=

Large Entity Small Entity

Large Fee Code	Large Fee (\$)	Small Fee Code	Small Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	88	2201	44	Independent claims in excess of 3
1203	300	2203	150	Multiple dependent claim, if not paid
1204	88	2204	44	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$

99.00

**or number previously paid, if greater; For Reissues, see above.

3. ADDITIONAL FEES

Large Entity Small Entity

Large Fee Code	Large Fee (\$)	Small Fee Code	Small Fee (\$)	Fee Description
1051	130	2051	65	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
1053	130	1053	130	Non-English specification
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examination action
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	Extension for reply within first month
1252	430	2252	215	Extension for reply within second month
1253	980	2253	490	Extension for reply within third month
1254	1,530	2254	765	Extension for reply within fourth month
1255	2,080	2255	1,040	Extension for reply within fifth month
1401	340	2401	170	Notice of Appeal
1402	340	2402	170	Filing a brief in support of an appeal
1403	300	2403	150	Request for oral hearing
1451	1,510	1451	1,510	Petition to institute a public use proceeding
1452	110	2452	55	Petition to revive - unavoidable
1453	1,370	2453	685	Petition to revive - unintentional
1501	1,370	2501	685	Utility issue fee (or reissue)
1502	490	2502	245	Design issue fee
1503	660	2503	330	Plant issue fee
1406	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
1806	180	1806	180	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))
1801	790	2801	395	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application

Other fee (specify) _____

Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

0.00

SUBMITTED BY

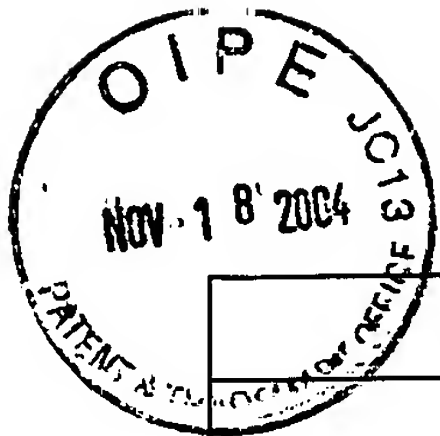
Complete (if applicable)

Name (Print/Type)	Paula A. Borden	Registration No. (Attorney/Agent)	42,344	Telephone	(650) 833-7710
Signature		Date	11/17/2004		

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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11/19/04

IFW

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AMENDMENT UNDER 37 C.F.R. §1.111 Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	Attorney Docket Confirmation No.	UCDV-286 4027
	First Named Inventor	J.D. Murray
	Application Number	10/663,454
	Filing Date	September 15, 2003
	Group Art Unit	1632
	Examiner Name	N.L. Alonzo
	Title	<i>Stearoyl CoA desaturase transgenic non-human animals</i>

Sir:

This amendment is responsive to the Office Action dated September 2, 2004, for which a three-month period for response was given, making this response due on or before December 2, 2004.

Accordingly, this response is timely filed.

In view of the remarks put forth below, reconsideration and allowance are respectfully requested.

11/22/2004 JBALINAN 00000070 500815 10663454

01 FC:2202 99.00 DA